

201
11.5
HW

3. $p. 758$ 3, 4, 7, 11, 12, 17, 26, 28-31
 $25\pi \text{ in}^2$ 4. $64\pi \text{ ft}^2$ 7. $154 = \pi r^2$
 78.54 in^2 201.06 ft^2 $49.01 = r^2$
 $7.0 \text{ m}^2 r$

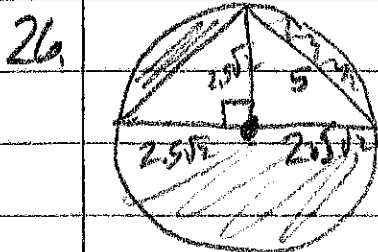
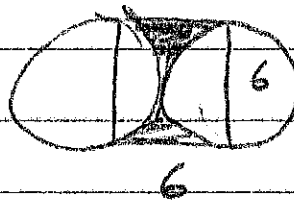
11. $\frac{60}{360} 100\pi$
 52.4 in^2

12. $\frac{104}{360} \pi 196$
 177.9 cm^2

$\frac{300}{360} 100\pi$
 261.8 in^2

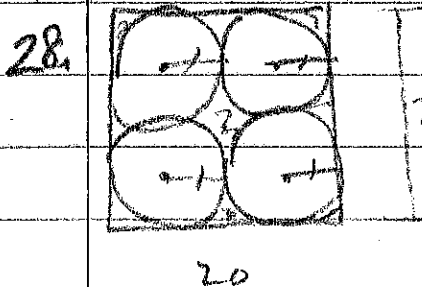
$\frac{256}{360} \pi 196$
 437.9 cm^2

17. $S_g - \text{Circle}$
 $36 - 9\pi$
 7.7 m^2



$\frac{45}{2.5\sqrt{2}} \mid \frac{45}{2.5\sqrt{2}} \mid 90$
 5

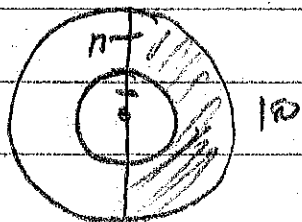
Circle - Δ
 $\pi (2.5\sqrt{2})^2 - \frac{1}{2} 2.5\sqrt{2} \cdot 5\sqrt{2}$
 $12.5\pi - 12.5$
 $39.3 - 12.5$



20 in $S_g - 4 \text{ circles}$
 $400 - 4 \cdot 25\pi$
 85.8 in^2

26.8 in^2

29.

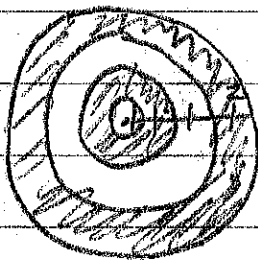


$$\frac{1}{2}C - \frac{1}{2}C$$

$$\frac{1}{2} 34^2 \pi - \frac{1}{2} 17^2 \pi$$

$$1361.9 \text{ cm}^2$$

30.



$$r_1 = 8$$

$$r_2 = 6$$

$$r_3 = 4$$

$$r_4 = 2$$

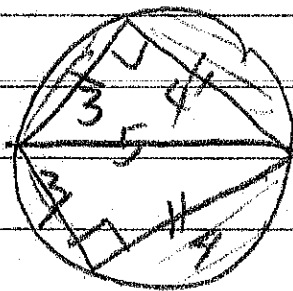
$$64\pi - 36\pi + (16\pi - 4\pi)$$

$$28\pi \quad 12\pi$$

$$40\pi$$

$$125.7 \text{ ft}^2$$

31.



$$2.5^2 \pi - 2 \cdot \frac{1}{2} 3 \cdot 4$$

$$19.6 - 12$$

$$7.6 \text{ m}^2$$